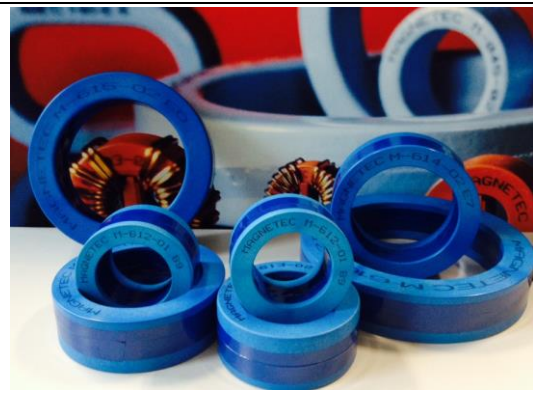


### NEW: CoolBLUE high $\mu$ cores with higher permeability of 60k@10kHz



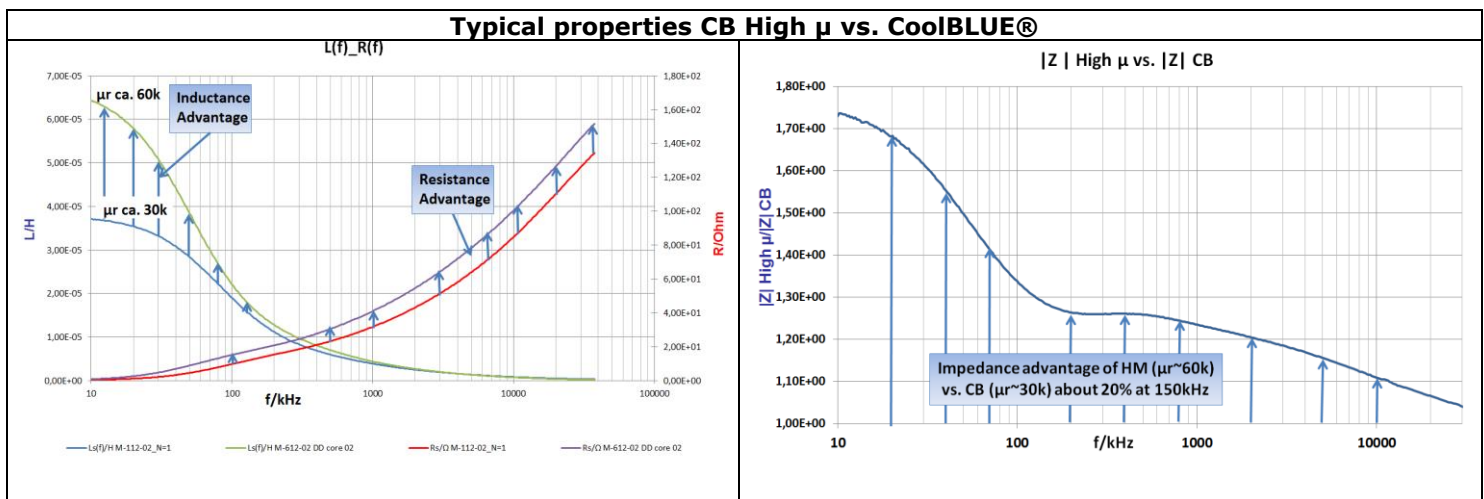
With the CoolBLUE® High  $\mu$  typeline **MAGNETEC** offers an extension of the established CoolBLUE® cores with higher permeability for applications with low common mode currents and usage for transformer cores.

See [www.magnetec.de](http://www.magnetec.de) for CoolBLUE® product infosheet.

See also CoolBLUE(+) PLUS  
CoolBLUE® Low  $\mu$   
CoolBLUE® CC  
CoolBLUE® MS holder kit

Types	Nominal dimensions do x di x h [mm]	Finished dimensions Do <sub>max</sub> x Di <sub>min</sub> x H <sub>max</sub> [mm]	l <sub>fe</sub> [cm]	a <sub>fe</sub> [cm <sup>2</sup> ]	AL @ 10kHz [ $\mu$ H]	AL @ 100kHz [ $\mu$ H]	Is* [Apk]
<a href="#">M-612</a>	63x50x30	68x44x36	17,67	1,35	43,7-87,3	>15	2,3
<a href="#">M-613</a>	80x63x30	85x57x35,5	22,04	1,76	45,8-91,5	>15,5	3
<a href="#">M-614</a>	100x80x30	105x75x35	27,84	2,07	42,4-84,3	>14,5	3,8
<a href="#">M-615</a>	130x100x30	135x94x34	35,92	3,10	48,0-95,8	>16,3	4,8
<a href="#">M-616</a>	160x130x30	165x123x34	45,08	3,10	37,7-75,3	>13,0	6
<a href="#">M-617</a>	200x175x30	208x166x37	58,5	2,59	24,9-49,8	>8,5	7,8
<a href="#">M-618</a>	300x250x30	309x240x39	85,8	4,9	30-60	>10,5	11,5

Only for information, no guaranteed values/\*without engagement, "quasi saturation current" @ =1,0T/ $\mu$ nm/N=1



Our **NANOPERM® CoolBLUE high  $\mu$  cores** offers following benefits:

- **Double of the permeability in comparison with CoolBLUE® core**
- **About 20% higher impedance at 150kHz, see curve**
- **providing a high impedance as the CB**

### MAGNETEC GmbH

Industriestrasse 7, D-63505 Langenselbold, Germany

Fon: +49 6184 9202-0 / Fax: +49 6184 9202-20

E-Mail: [magnetec@magnetec.de](mailto:magnetec@magnetec.de)